

CUSTOMER NO.: 24498

PATENT

Attorney Docket No. PF040010

Date of Office Action: 07/21/2009

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Listing and Amendments to the Claims

1. (Currently Amended) A ~~M~~method of discovery, by a discovering device ~~connectable~~ capable of connecting to a ~~communication~~ network, ~~the network having~~ of the other connected devices connected to this network, wherein it comprises the following steps comprising the steps of:

~~[[ - ]] connection of~~ connecting the discovering device to the ~~said~~ network, wherein the discovering device is configured to communicate with other devices connected to the network via a communications protocol that is different from a protocol used by the network;

~~[[ - ]] despatching of~~ upon connection of the discovering device, dispatching, by the discovering device, an announcement message containing autodescription information describing the discovering device destined for all the ~~other connected devices connected to network~~ ;

~~[[ - ]] despatching upon connection of the discovering device~~, dispatching, by the discovering device, of an autodescription information request message to all the ~~other connected devices connected to this network~~ ;

~~[[ - ]] reception receiving, by the discovering device~~, of a response message from each of the ~~other connected devices of the network~~ containing the autodescription information of ~~this other second device of the connected devices and sent in response to the autodescription information request message~~.

2. (Previously presented) Method according to Claim 1, wherein the request message and the announcement message are merged.

3. (Previously presented) Method according to Claim 1, wherein the autodescription information describing a device contains the address on the network of the device.

4. (Previously presented) Method according to Claim 1, wherein the autodescription information describing a device contains a unique global identifier, different from the address, identifying the device on the network.

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5. (Previously presented) Method according to Claim 1, wherein the autodescription information describing a device contains the characteristics of a software module making it possible to control this device.

6. (Currently amended) Method according to Claim 1, wherein the announcement message is ~~despatched~~ dispatched by broadcasting over the network.

7. (Currently amended) Method according to Claim 1, wherein the announcement message is ~~despatched~~ dispatched by multicasting on a predefined multicasting address to which the other devices must have subscribed.

8. (Currently amended) A discovering dDevice connectable to a network, comprising:

~~wherein it possesses means for dispatching ~~despatching~~ upon connection, an announcement message, the announcement message containing autodescription information describing it the discovering device, to all the other connected devices in the network;~~

~~means for dispatching ~~despatching~~ upon connection, a message for requesting autodescription information to all the other connected devices in the network; and~~

~~means for receiving the response messages containing information describing each of the other connected devices of the network sent in response to the autodescription information request.~~

9. (Previously presented) Device according to Claim 8, wherein the autodescription information describing a device contains the address on the network of the device.

10. (Previously presented) Device according to Claim 8, wherein the device comprises means making it possible to generate a unique global identifier, different from the address of the device, on the network.

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11. (Previously presented) Device according to Claim 8, wherein the autodescription information describing a device contains the characteristics of a software module making it possible to control this device.

12. (Currently amended) Device according to Claims 8, wherein the device comprises means for dispatching ~~despatching~~ the announcement message by broadcasting over the network.

13. (Currently amended) Device according to Claim 8 which comprises means for dispatching ~~despatching~~ the announcement message by multicasting on a predefined multicasting address to which the other devices must have subscribed.